

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
MISSOURI CLEAN WATER COMMISSION



MISSOURI STATE OPERATING PERMIT

GENERAL PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92nd Congress) as amended,

Permit No. < MO-G94xxxx >

Owner: < name >

Address: < address >

Continuing Authority: < name, or Same as above >

Address: < address, or Same as above >

Facility Name: < name >

Facility Address: < physical address >

Legal Description: ¼, ¼, ¼, Sec. xx, TxxN, RxxW, < county > County

Receiving Stream: < receiving stream > < (U, C, P, L1, L2, L3) >

First Classified Stream and ID: < 1st classified stream > < (U, C, P, L1, L2, L3) > < (ID number) >

USGS Basin & Sub-watershed No.: < (USGS HUC14 #) >

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

FACILITY DESCRIPTION

All Outfalls

Wastewater from fuel spill clean-up.

This permit authorizes only wastewater, including storm waters, discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System; it does not apply to other regulated areas. This permit may be appealed in accordance with Section 644.051.6 of the Law.

May 19, 2000

Effective Date

Issue Date

Stephen M. Mahfood, Director, Department of Natural Resources
Executive Secretary, Clean Water Commission

May 18, 2005

Expiration Date
MO 780-0041 (10-93)

Jim Hull, Director of Staff, Clean Water Commission

APPLICABILITY

This permit authorizes discharge and on-site disposal of wastewater from fuel spill clean-ups, including wastewaters and storm waters associated with underground storage tank removals, wastewater generated during well installation and monitoring of contaminated groundwater, pumping of contaminated groundwater, rain water contacting contaminated soil, pit dewatering, and equipment cleaning.

Existing dischargers must formally request in writing to transfer from an existing site-specific permit to the general permit. The Department will review the request and may require additional information to decide whether or not the permittee qualifies for general permit issuance.

1. If at any time the Missouri Department of Natural Resources determines that the quality of waters of the state may be better protected by requiring the owner to apply for a site-specific NPDES permit, the Department may do so.
2. If at any time the owner desires to apply for a site-specific NPDES permit, the owner may do so.
3. This permit does not apply to discharges to "losing streams, special streams and subsurface water in aquifers" as listed in 10 CSR 20-7.015(1)(A) 3, 5 and 6 Effluent Regulation, Missouri Department of Natural Resources.
4. This permit does not apply to discharges to lakes, classified as L1 (lakes used primarily for drinking water supply) or the drinking water supply streams with less than 10 cfs (7-day Q_{10}) low flow in 10 CSR 20-7.031 Water Quality Standards, Missouri Department of Natural Resources.
5. This permit does not apply to the discharge of any water other than wastewater from fuel spill clean-ups. Fuel means gasoline, crude oil, refined oils, kerosene, aviation fuels, and diesel fuels. It does not include asphalt emulsions, solvents, solvents blended with other materials or oils containing Poly-Chlorinated-Biphenyls (PCBs).
6. This permit is not transferable to other owners or operators.
7. This permit does not authorize the construction and operation of Underground Injection Control (UIC) wells used to inject fluids underground. A UIC permit is required for these activities.
8. This permit does not authorize the operation of a soil treatment cell or in-situ soil treatment for remediation of contaminated soils. A permit for landfarming/in-situ remediation is required for these activities.
9. Any test hole or boring deeper than 10 feet may require a permit from the Division of Geology and Land Survey.

EXEMPTIONS

1. A permit is not required if all wastewater is hauled to a publicly owned treatment facility.
2. A permit is not required for the on-site land application of a De-minimis amount (less than 500 gallons) of contaminated storm water from UST pit closure operations in accordance with 10 CSR 20-6.015 (3)(B) 14. The water must be applied so that it infiltrates into the soil and does not leave the property.
3. A permit is not required for storm water runoff that does not come in contact with contaminated soils during UST/AST closures/other remedial activities. This includes stockpiles of contaminated soils that are covered by tarp or other impervious material.
4. Applicants that qualify for and obtain the general permit are exempted from the requirement for a construction permit.

REQUIREMENTS

1. A daily logbook shall be maintained in the field office to record all actions taken during the clean-up operation. The log shall show the type of equipment used, personnel involved in the clean-up, and shall contain information which accounts for all wastes associated with the site.
2. General Criteria. The following water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:
 - (a) Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
 - (b) Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
 - (c) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
 - (d) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
 - (e) There shall be no significant human health hazard from incidental contact with the water;
 - (f) There shall be no acute toxicity to livestock or wildlife watering;
 - (g) Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community;
 - (h) Waters shall be free from used tires, car bodies, appliances, demolition debris, used vehicles or equipment and solid waste as defined in Missouri's Solid Waste Law, section 260.200, RSMo, except as the use of such materials is specifically permitted pursuant to section 260.200-260.247.

SPECIAL CONDITIONS

1. This permit may be modified, or alternatively revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2) (C), and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

- (a) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
- (b) Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

2. All outfalls must be clearly marked in the field.
3. This permit may be reopened and modified or alternatively revoked and reissued, to incorporate new or modified effluent limitations or other conditions, if the result of a wasteload allocation study, toxicity test, or other information indicates changes are necessary to ensure compliance with Missouri's Water Quality Standards.
4. Report as no-discharge when a discharge does not occur during the report period.

TERMINATION OF PERMIT

When activities authorized by this permit have ceased and this permit no longer applies, the permittee shall request termination of this permit. The permittee shall submit a completed Form H, "Termination of a General Permit".

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS					PAGE NUMBER 5 of 5	
					PERMIT NUMBER MO-G94xxxx	
The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The final effluent limitations shall become effective upon issuance and remain in effect until expiration of the permit. Such discharges shall be controlled, limited and monitored by the permittee as specified below:						
OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	FINAL EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
		DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
<u>All Outfalls</u> (Notes 1 and 2)						
Flow	MGD	*		*	once/weekday**	24 hr.estimate
Benzene	mg/L	0.5		0.05	once/month	grab
Toluene	mg/L	*		*	once/month	grab
Ethylbenzene	mg/L	*		*	once/month	grab
Xylene	mg/L	*		*	once/month	grab
Total BETX***	mg/L	0.75		0.75	once/month	grab
Methyl Tertiary Butyl Ether (MTBE) (Note 3)	mg/L	0.020		0.020	once/month	grab
Ammonia as N	mg/L	5		5	once/month	grab
Oil and Grease	mg/L	15		10	once/month	grab
Total Petroleum Hydrocarbons	mg/L	10		10	once/month	grab
Chemical Oxygen Demand	mg/L	*		*	once/month	grab
Total Suspended Solids	mg/L	50		30	once/month	grab
pH - Units	SU	****		****	once/month	grab
MONITORING REPORTS SHALL BE SUBMITTED <u>QUARTERLY</u> ; THE FIRST REPORT IS DUE <u><date></u> . THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.						
B. STANDARD CONDITIONS						
IN ADDITION TO SPECIFIED CONDITIONS STATED HEREIN, THIS PERMIT IS SUBJECT TO THE ATTACHED <u>Part I</u> STANDARD CONDITIONS DATED <u>October 1, 1980</u> , AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.						

MO 780-0010 (8/91)

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

- * Monitoring requirement only.
- ** Once each weekday means: Monday, Tuesday, Wednesday, Thursday, and Friday.
- *** Total BETX shall be measured as the sum of Benzene, Ethylbenzene, Toluene, and Xylene.
- **** pH is measured in pH units and is not to be averaged. The pH is limited to the range of 6.0-9.0 pH units.

Note 1 - Instream monitoring may be required upon written notification from the department. Such action may result from complaints received or department observations of the receiving stream.

Note 2 - Clean-up operations, which exceed three months in duration, may require the installation of ground water monitoring wells. The quality of water indicated by the monitoring wells will be subject to limitations contained in the Missouri Water Quality Standards and Effluent Regulations for ground water recharge. Parameters which are not addressed in these publications will be established using "Best Professional Judgment".

Note 3 – If analysis is done using EPA methods, then use EPA method 8260A, not 8020/A/21B, due to detection limit concerns.